

Precautions regarding comments used in robot programs

■ Date of issue
November 2025

■ Applicable models
MELFA FR series

Thank you for your continued support of Mitsubishi Electric industrial robot "MELFA".
This technical news describes precautions regarding comments used in robot programs.

1 Precautions

In an environment where CR800-R/Q or CR860-R/Q is connected to R86TB, some Chinese characters written in robot program comments are incorrectly displayed as "¥" symbols, as shown in the figure on the right. Each time the robot program is opened with R86TB, the number of "¥" symbols increases.

```
'貼¥¥¥¥¥¥付プログラム
.
.
If M_In(10101) = M_On Then GoSub *HARITUKE1 '品種1の貼¥¥¥¥¥¥付を実施
If M_In(10102) = M_On Then GoSub *HARITUKE2 '品種2の貼¥¥¥¥¥¥付を実施
If M_In(10103) = M_On Then GoSub *HARITUKE3 '品種3の貼¥¥¥¥¥¥付を実施
.
.
'品種1のラベル貼¥¥¥¥¥¥付機能¥¥¥¥¥¥
*HARITUKE1
.
Return
.
.
```

When the number of "¥" symbols continues to increase and the total number of characters in a single program line exceeds 240, an L4210 error occurs.

[Examples of affected Chinese characters]

[ソ][十][貼][能][表][暴][予][構][筆][罇][区][湮][欺][圭][蚕][申][曾][筭][禄][免][喀][媯][彌][拿][朽][畝][濬][畚][秉][綵][臀][諳][觸][體][鐔][饑][鷓][俦][砒]

2 Handling methods

To resolve this issue, we recommend modifying the robot program comments to avoid using the affected Chinese characters.

```
'ラベルプログラム
.
.
If M_In(10101) = M_On Then GoSub *HARITUKE1 '品種1のラベル¥¥¥¥¥¥処理
If M_In(10102) = M_On Then GoSub *HARITUKE2 '品種2のラベル¥¥¥¥¥¥処理
If M_In(10103) = M_On Then GoSub *HARITUKE3 '品種3のラベル¥¥¥¥¥¥処理
.
.
'品種1のラベル¥¥¥¥¥¥処理
*HARITUKE1
.
Return
.
.
```

Once the solution to prevent this issue has been completed, we will revise this technical news accordingly and provide updated information.

We apologize for any inconvenience this may cause and appreciate your understanding and cooperation.